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MONTANA OIL AND GAS STATISTICAL BULLETIN

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BOARD OF OIL AND GAS CONSERVATION
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HELENA, MONTANA 59601

Vol. XXI, No. 6 JUNE, 1973

Production of crude oil and condensate from the oil and gas areas of Montana for the month of June, 1973, averaged 94,971 barrels daily, a decrease of 1,210 barrels from the average May production of 96,181.

The nine refineries in the state processed 136,327 barrels of crude oil daily for the month of June, 1973, a decrease of 2,462 barrels from the 138,789 barrels processed daily during the month of May.

During June, 48 wells were completed, 3 oil, 10 gas and 35 dry holes.

During June, the commission issued 90 permits to drill new wells, a decrease of 20 from the 110 permits issued during May.

SUMMARY OF CRUDE PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA MONTH OF JUNE, 1973

IN STORAGE June 1st	
By Producers	318,646
By Transporters	1,359,069
By Refiners	969,247
TOTAL STORAGE	2,646,962
Produced in Montana During Month	2,849,136
Imported During Month	3,326,133
TOTAL	8,822,231
DISPOSITION:	
Refined in Montana	4,089,826
Exported	2,307,349
Used for Fuel or Lost	7,598
TOTAL	6,404,773
IN STORAGE June 30th	
By Producers	313,690
By Transporters	1,360,758
By Refiners	743,010
TOTAL STORAGE	2,417,458

NATURAL GAS WITHDRAWALS IN MONTANA

Month of June, 1973

Field	M. C. Ft.
Big Coulee	49,581
Blackjack	13,458
Bowdoin	328,482
Bowes	29,805
Cabin Creek	77,664
Cedar Creek	27,256
Cut Bank (including Regan)	139,277
Dry Creek	37,738
Elk Basin	33,960
Flat Coulee	6,058
Gold Butte	—0—
Grandview	20,944
Hardin	3,395
Keith Block	11,173
Kevin Sunburst	16,075
Lake Basin	9,075
Liscom Creek	43,156
Middle Butte	—0—
Mt. Lilly	7,237
Pine	47,719
Plevna	8,839
South Devon	34,950
Tiger Ridge	2,566,544
Trail Creek	10,627
Utopia	18,730
West Butte	18,153
Whitlash	7,764
Miscellaneous	363,574
TOTAL	3,931,234

Total Withdrawals for June, 1972, were 1,300,398.

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PRODUCERS REPORT — MONTH OF JUNE, 1973

Leases	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	218	908	----	1,079	----	48
1	Bainville	1	2,506	1,313	----	1,344	----	2,475
2	Bannatyne	2	----	421	421	----	----	----
5	Bear's Den	6	1,393	848	----	1,009	----	1,222
18	Bell Creek	249	22,915	659,905	659,228	----	2	23,590
1	Benrud	1	446	500	638	----	----	308
3	Benrud East	3	2,493	13,935	14,819	----	----	1,609
1	Benrud Northeast	1	1,064	1,725	2,364	----	----	425
1	Berthelote	1	369	192	209	----	----	352
5	Big Wall	14	1,152	3,282	2,721	----	----	1,713
4	Blackfoot	5	525	1,177	1,133	----	----	569
6	Border	7	1,424	912	----	197	----	2,139
1	Bowes	31	8,899	8,373	11,295	----	----	5,977
1	Bradley	1	176	529	407	----	----	298
2	Brady	2	----	368	368	----	----	----
4	Brorson-Madison	4	1,112	3,058	----	3,429	----	741
5	Brorson-Red River	5	6,942	8,429	----	8,723	----	6,648
3	Brorson-Red River South	3	1,744	5,950	----	5,713	----	1,981
1	Burns Creek	1	401	3,438	----	3,539	----	300
6	Brush Lake	6	1,038	15,938	15,357	----	----	1,619
2	Cabin Creek	88	----	229,494	229,494	----	----	----
1	Canal	1	960	6,107	----	5,957	----	1,110
9	Cat Creek	42	2,563	14,696	14,876	----	----	2,383
1	Chelsea	1	174	267	----	211	----	230
1	Clark's Fork	1	154	96	----	204	----	46
....	Clark's Fork South	----	334	----	----	----	----	334
1	Conrad South	1	----	208	208	----	----	----
1	Cow Creek	1	770	487	----	834	----	423
4	Cow Creek East	5	485	20,560	----	20,345	----	700
1	Culbertson	1	611	819	----	1,331	----	99
4	Cupton	7	4,634	8,569	5,066	4,550	----	3,587
127	Cut Bank	897	61,277	321,458	320,285	814	----	61,636
....	Dean Dome	----	65	----	----	----	----	65
1	Deer Creek	1	428	1,112	923	----	----	617
1	Delphia	1	223	272	----	199	----	296
5	Devil's Basin	5	513	452	514	----	----	451
3	Dwyer	11	4,094	12,054	11,656	----	----	4,492
4	Elk Basin	43	930	117,628	118,193	----	----	365
5	Elk Basin Northwest	9	1,794	3,413	3,625	----	----	1,582
6	Fairview	10	9,615	31,516	7,179	23,792	----	10,160
2	Fertile Prairie	2	578	1,351	----	1,124	----	805
5	Flat Coulee	22	2,142	8,611	8,738	----	----	2,015
24	Flat Lake	44	5,520	50,173	51,811	----	----	3,882
6	Flat Lake South	6	838	7,282	7,425	----	----	695
1	Four Buttes	1	399	557	----	438	----	518
1	Ft. Gilbert	2	335	15,459	15,471	----	----	323
1	Frannie	1	----	990	990	----	----	----
8	Fred & George Creek	27	2,787	35,975	35,902	----	----	2,860
1	Froid South	1	697	729	----	1,054	----	372
1	Gage	1	127	96	----	178	----	45
3	Gas City	18	5,458	22,082	16,912	5,125	----	5,503
2	Girard	2	1,020	2,081	----	1,706	----	1,395
11	Glendive	15	2,786	23,767	24,212	----	----	2,341
11	Goose Lake	28	3,492	26,999	26,716	----	----	3,775
6	Graben Coulee	13	5,082	4,579	1,275	3,385	----	5,001
1	Hay Creek-Mission Canyon	1	79	1,081	1,088	----	----	72
2	Hay Creek-Red River	2	503	6,557	6,621	----	----	439
4	Hiawatha	4	2,607	4,889	5,166	----	----	2,330
....	Injun Creek	----	461	----	195	----	----	266
6	Ivanhoe	11	1,121	3,346	3,047	----	----	1,430
2	Jim Coulee	24	3,010	42,050	42,362	----	----	2,698
7	Keg Coulee	18	4,890	20,946	20,648	----	532	4,656
1	Keg Coulee North	2	803	3,475	3,475	----	----	803
1	Kelley	3	928	5,846	5,947	----	----	827
77	Kevin Sunburst	439	10,445	26,758	24,993	2,377	----	9,833
7	Laird Creek	10	930	2,965	----	3,041	----	854
1	Landslide Butte	2	461	489	----	----	----	950
2	Leary	2	1,691	3,023	----	3,498	49	1,167
1	Little Beaver	23	----	36,474	36,474	----	----	----
2	Little Beaver East*	10	1,629	11,796	10,247	----	----	3,178
1	Little Wall Creek	1	451	3,230	3,449	----	----	232
1	Lodge Grass	1	932	950	----	1,400	----	482
6	Lonetree Creek	6	3,510	23,551	22,877	----	----	4,184
3	Lookout Butte (Coral Creek)	30	353	55,781	55,368	----	----	496
1	Mason Lake	1	683	428	680	----	----	431
2	Melstone	3	698	2,040	2,360	----	----	378
1	Mineral Bench	1	412	583	628	----	----	367
2	Miners Coulee	2	----	704	----	704	----	----
11	Monarch	14	3,821	14,029	10,921	3,100	----	3,829
2	Mosser	2	----	1,204	----	1,204	----	----
1	Nohly	1	1,425	9,971	----	10,009	----	1,387
3	Otis Creek	3	797	7,371	----	7,262	----	906
1	Outlook	8	4,844	13,813	10,823	----	----	7,834
1	Outlook South	1	736	502	----	----	----	1,238
2	Outlook West	2	1,046	2,423	1,401	----	----	2,068
1	Pennel-Lookout Butte	112	----	184,167	184,167	----	----	----
4	Pine	107	16,634	231,067	230,521	----	----	17,180
61	Pondera	260	3,604	24,075	23,878	----	----	3,801
6	Poplar	64	7,797	40,034	41,068	----	----	6,763
3	Poplar Northwest	3	1,846	1,552	2,390	----	----	1,008
....	Prairie Elk	----	520	----	----	----	----	520
1	Pritchard Creek	5	167	695	695	----	----	167
1	Putnam	2	242	9,697	----	9,492	----	447
2	Rabbit Hills	3	2,231	10,869	----	10,833	----	2,267
4	Ragged Point	12	3,148	10,827	11,122	----	----	2,853
2	Rattlesnake Coulee	2	344	305	200	----	----	449
4	Raymond	4	1,716	30,618	29,932	----	----	2,402
3	Reagan	44	917	15,472	15,642	----	----	747
1	Red Creek	19	----	14,363	14,363	----	----	----
1	Red Fox	1	154	659	656	----	----	157
1	Redstone	1	246	1,120	1,224	----	----	142
1	Repeat	1	90	2,006	----	2,036	----	60
3	Reserve	4	423	4,886	4,805	----	----	504
1	Richey	1	294	792	848	----	----	238
1	Richey Southwest	5	477	1,171	----	1,483	----	165
1	Rough Creek	1	462	219	----	----	----	681
1	Rush Mountain	1	445	2,370	2,414	----	----	401
3	Salt Lake	3	284	3,540	----	3,417	----	407
4	Sand Creek	4	1,805	2,113	2,329	----	----	1,589
1	Second Creek	1	965	8,794	----	9,090	----	669
1	Sioux Pass	1	746	16,948	16,932	----	----	762
1	Snyder	4	1,084	----	----	471	----	613
7	Soap Creek	18	1,699	4,563	----	5,493	----	769
2	Spring Lake	2	1,494	1,578	----	1,747	----	1,325
2	Stensvad	7	3,552	47,515	48,522	----	----	2,545
14	Sumatra	73	18,166	99,702	98,611	----	34	19,223
5	Tule Creek	5	2,994	18,397	----	19,351	----	2,040
2	Tule Creek East	2	991	6,098	----	5,972	----	1,117
2	Tule Creek South	3	849	2,592	----	2,718	22	701
2	Vida	2	332	1,024	----	1,065	----	291
4	Volt	5	2,026	9,818	9,537	----	----	2,307
....	Weed Creek	----	475	(63)	197	----	----	215
3	Weldon	3	622	5,849	5,514	----	----	957
1	West Butte	1	----	1,048	----	1,048	----	----
22	Whitlash	41	7,507	12,932	13,104	----	----	7,335
....	Whitlash West	----	284	----	----	----	----	284
3	Willow Creek North	3	632	3,940	4,067	----	----	505
2	Wills Creek South	2	----	2,643	2,643	----	----	----
2	Wolf Springs	3	1,164	1,741	1,354	----	----	1,551
2	Woodrow	2	497	2,349	2,465	----	----	381
3	Wright Creek	5	3,204	1,250	1,250	----	----	3,204
....	Wildcat, Blaine Co.	----	157	----	----	----	----	157
1	Wildcat, McCone Co.	1	107	386	----	441	----	52
....	Wildcat, Toole Co.	----	274	----	----	----	----	274
677	Total	3,124	318,646	2,849,136	2,649,921	203,532	639	313,690

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1972	33,904,139	92,634	33,861,385	92,517
First Quarter, 1973	8,463,610	94,040	8,461,995	94,022
April, 1973	2,793,345	93,112	2,779,972	92,666
May, 1973	2,981,603	96,181	2,994,706	96,603
June, 1973	2,849,136	94,971	2,853,453	95,115

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage**	Total Oil in Storage**
December, 1972	320,567	1,303,848	1,228,659	2,853,074
March, 1973	319,421	1,187,629	669,292	2,176,342
April, 1973	332,499	1,397,677	1,039,001	2,769,177
May, 1973	318,646	1,359,069	969,247	2,646,962
June, 1973	313,690	1,360,758	743,010	2,417,458

*Montana Oil Only **Includes Wyoming Oil

TRANSPORTERS REPORT — MONTH OF JUNE, 1973

	Storage First of Month	Oil Received By			Loss or Gain	Oil Shipped To			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Western Crude Oil Co.			1,079				1,079		
BAINVILLE—Koch Oil Company			1,344				1,344		
BEAR'S DEN—Truck			1,009				1,009		
BELL CREEK—Pipeline	52,628	659,228					371,102	289,286	51,468
BIG WALL—Continental Pipeline Co.		2,741				2,741			
BLACKFOOT—									
Camerland Cardinal Corp.		1,133						1,133	
BORDER—Permian Corp.			197					197	
BOWES—Texaco		11,295				11,295			
BRORSON-MADISON, BRORSON-RED RIVER AND BRORSON-RED RIVER SOUTH—Koch Oil Company			17,865					17,865	
BRUSH LAKE—Portal Pipeline Co.		15,357					15,357		
BURNS CREEK—									
Western Crude Oil, Inc.			3,539				3,539		
CABIN CREEK AND OTHERS*—									
Butte Pipeline Co.	266,658	473,450	20,433	1,746,245			2,224,479		282,307
Shell Pipeline Co.	3,025	302,868			216			301,282	4,395
	269,683	776,318	20,433	1,746,245	216		2,224,479	301,282	286,702
CANAL—Koch Oil Company			5,957				5,957		
CAT CREEK—									
Continental Pipeline Co.		13,755				13,755			
CHELSEA—Western Crude Oil, Inc.			211				211		
CLARK'S FORK AND CLARK'S FORK SOUTH—Permian Corp.			204				204		
COW CREEK AND COW CREEK EAST—Western Crude Oil, Inc.			21,179				21,179		
CULBERTSON—Spruce Oil Co.			1,331				1,331		
CUT BANK—									
Continental Pipeline Co.		285,785	9,419					295,204	
Phillips Petroleum Co.	101,850	120,145		42,296	1,774	170,041			93,476
Texas Pipeline Co.	13,356	31,427		55,457	396			78,208	21,636
Union Oil Co.	67,532	42,167			139	72,787			36,773
Western Oil Trans. Co.		30,500						30,500	
Western Oil Trans. Co. (Mouton)		117,250						117,250	
	182,738	627,274	9,419	98,753	2,309	242,828		521,162	151,885
DELPHIA—Truck			199			199			
DWYER—Portal Pipeline Co.		11,111					11,111		
ELK BASIN AND ELK BASIN NORTHWEST—Marathon Pipeline Co.		120,851				120,851			
FAIRVIEW—									
Fairview Pipeline Co.		7,179					7,179		
Koch Oil Company			23,792				23,792		
		7,179	23,792				30,971		
FLAT COULEE—									
Camerland Cardinal Corp.		7,621				7,621			
FLAT LAKE AND FLAT LAKE SOUTH—Portal Pipeline Co.		54,395					54,395		
FT. GILBERT—									
Fairview Pipeline Co.		15,470					15,470		
FOUR BUTTES—Truck			438					438	
FRANNIE—Interstate Pipeline Co.		990					990		
FRED AND GEORGE CREEK—									
Camerland Cardinal Corp.	18,782	36,046				28,620			26,208
FROID SOUTH—Truck			1,054					1,054	
GAGE—Truck			178			178			
GIRARD—Koch Oil Company			1,706				1,706		
GLENDIVE, DEER CREEK, WOODROW AND SAND CREEK—									
Texas Pipeline Co.	8,328	22,451			(243)			21,580	9,442
GOOSE LAKE—Portal Pipeline Co.		25,569					25,569		
HAY CREEK—Fairview Pipeline Co.		7,709					7,709		
HIAWATHA—Continental Pipeline Co.		5,166					4,794	372	
IVANHOE—Continental Pipeline Co.		3,026				3,026			
JIM COULEE—									
Continental Pipeline Co.		45,818						45,818	
KEG COULEE AND KEG COULEE NORTH—Continental Pipeline Co.		23,038				23,038			
KELLEY—Continental Pipeline Co.		5,947				5,947			
KEVIN SUNBURST—									
Big West Oil Co.	4,616	19,815				16,831			7,600
Homestake Oil & Gas Co.	5,057	2,191				4,302			2,946
Texas Pipeline Co.	18,477	7,392			191	11,470			14,208
	28,150	29,398			191	32,603			24,754
LEARY—Permian Corp.			3,498				3,498		
LODGE GRASS—Permian Corp.			1,400			1,400			
MASON LAKE—									
Continental Pipeline Co.		680				680			
MELSTONE—Continental Pipeline Co.		2,360				2,196	164		
MIDDLE WALL—									
Continental Pipeline Co.**		4,067						4,067	
MOSSER—Permian Corp.			1,204				1,204		
NOHLY—Koch Oil Co.			10,009				10,009		
OTIS CREEK—									
Western Crude Oil, Inc.			7,262				7,262		
OUTLOOK, OUTLOOK SOUTH AND OUTLOOK WEST—									
Portal Pipeline Co.		12,221					12,221		
PONDERA—Phillips Petroleum Co.	30,333	24,855			208	19,959			35,021
POPLAR, BEURUD, BENRUD EAST, RED FOX, REDSTONE—									
East Poplar Gathering System	12,801	59,069			286			56,058†	15,526
PUTNAM—Western Crude Oil, Inc.			9,492				9,492		
RABBIT HILLS—Truck			10,833				10,833		
RAGGED POINT—									
Continental Pipeline Co.		11,122				11,122			
RAYMOND—Portal Pipeline Co.		29,933					29,933		
RED CREEK—									
Western Oil Transportation Co.		14,363						14,363	
RESERVE—Portal Pipeline Co.		4,814					4,814		
RUSH MOUNTAIN—Sinclair Ref. Co.		2,414					2,414		
SALT LAKE—Koch Oil Company			3,417				3,417		
SECOND CREEK—Koch Oil Company			9,090				9,090		
SNYDER—Permian Corp.			471			471			
SOAP CREEK—Permian Corp.			5,493				5,493		
SPRING LAKE—Koch Oil Co.			1,747				1,747		
SUMATRA AND STENSVAD—									
Continental Pipeline Co.	745,590	144,978		2,750,590	(212)	128,232		2,769,627	743,511
TULE CREEK—									
Spruce Oil Co.	10,036		25,223			19,118			16,241
Permian Corp.			2,718			2,718			
	10,036		28,041			21,836			16,241
WEED CREEK AND WOLF SPRINGS—Continental Pipeline Co.		1,551				1,551			
WHITLASH AND WHITLASH WEST—Camberland Cardinal Corp.		14,057				14,057			
WILDCAT WELLS—Truck			441					441	
TOTAL	1,359,069	2,855,370	203,532	4,595,588	2,755	694,206	2,911,097	4,044,743	1,360,758

*Cabln Creek, Cupton, Fertile Prairie, Gas City, Monarch, Repeat, Richey, Richey Southwest, Vida, Weldon and Wills Creek South.
**Little Wall Creek and Willow Creek North.
***Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF JUNE, 1973

	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Exxon Co.	Farmers Union	Jet Fuel Refinery	Phillips Petroleum Co.	Spruce Oil Co.	Westco Refining Co.	Total
Big Wall		2,741								2,741
Cat Creek		2,450			12,426					14,876
Cut Bank	47,912						159,255		127,687	334,854
Elk Basin		46,156		34,368	40,327					120,851
Flat Coulee									7,621	7,621
Fred & George Creek	28,620									28,620
Ivanhoe		3,026								3,026
Keg Coulee		18,627		3,129	2,758					24,514
Kelley				5,947						5,947
Kevin Sunburst	32,603									32,603
Lodge Grass		1,400								1,400
Mason Lake		680								680
Melstone					2,196					2,196
Pondera							20,942			20,942
Ragged Point					11,122					11,122
Snyder		471								471
Sumatra & Stensvad		18,524		7,862	63,096					89,482
Tule Creek								51,168		51,168
Weed Creek				197						197
Whitlash							9,028			9,028
Wolf Springs				1,354						1,354
Total Montana Oil	109,135	94,075		52,857	131,925		189,225	51,168	135,308	763,693
Canadian Oil Imported		285,785		375,976	437,628					1,099,389
Wyoming Oil Imported		843,893		950,542	432,309					2,226,744
Total Montana, Canadian & Wyoming Oil	109,135	1,223,753		1,379,375	1,001,862		189,225	51,168	135,308	4,089,826

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year 1972	24,723	37,303	70,391	132,417
June 1972	25,763	35,343	81,503	142,609
June 1973	25,456	36,646	74,225	136,327

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year 1972	18.67%	28.17%	53.16%
June 1972	18.07%	24.78%	57.15%
June 1973	18.67%	26.88%	54.45%